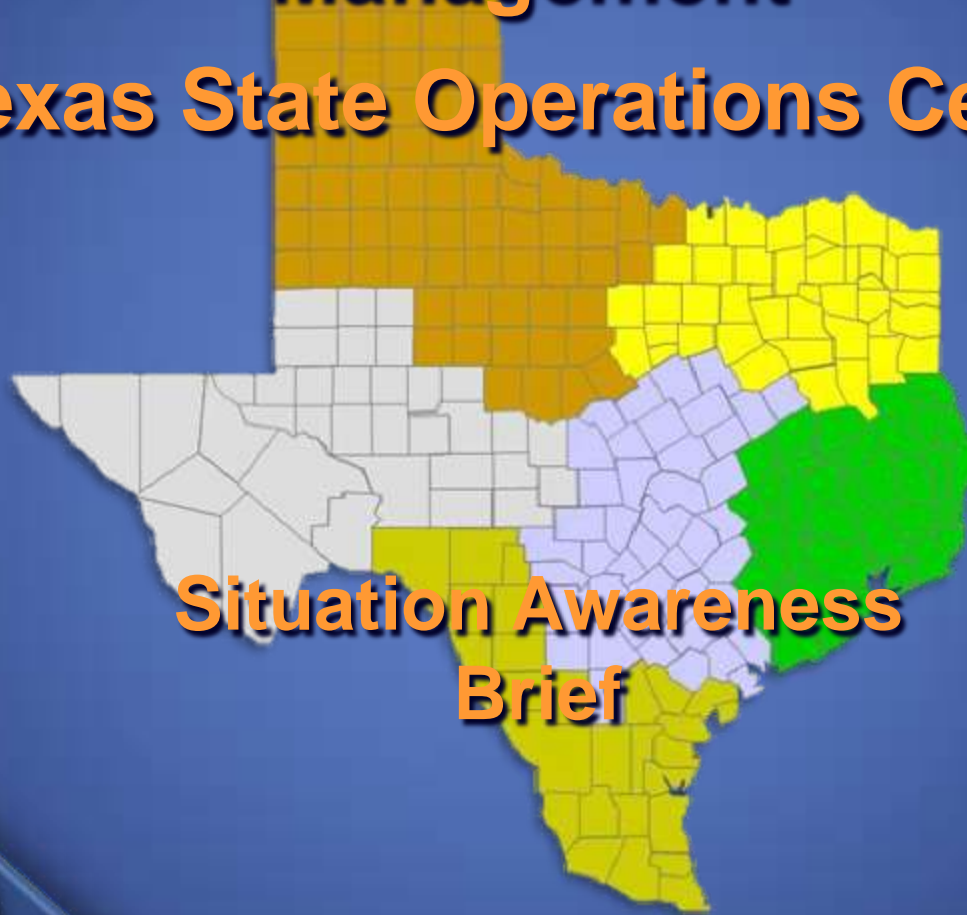


Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Saturday, August 5th 2017
As of 0900 CST

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

8:00 am EDT
Sat Aug 5 2017

100°W 90°W 80°W 70°W 60°W 50°W 40°W 30°W 20°W

45°N

35°N

25°N

15°N

5°N

Current Disturbances and Two-Day Cyclone Formation Chance: ✕ < 40% ✕ 40-60% ✕ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression 🌀 Storm 🌀 Hurricane

⊗ Post-Tropical Cyclone ✕ Remnants

Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
08/04/17	Preliminary Report of an Earthquake in Western Texas	Reeves County	Y
08/04/17	Final Report of a Boil Water Notice	Gladewater/Gregg County	Y
08/04/17	Initial Report of a Road Closure (FM 1017)	Starr County	N
08/05/17	Initial Report of a Road Closure (IH 10)	Austin County	N
08/05/17	Final Report of a Road Closure (IH 10)	Austin County	Y
08/05/17	Final Report of a Road Closure (FM 1017)	Starr County	Y

Informational Products

Distributed by the State Operations Center

DATE	SUBJECT
08/04/17	NWS Fort Worth UPDATE- Flooding and Storm Threat Sunday-Tuesday
08/04/17	NWS Lake Charles - Tropical Update: 1 pm Friday
08/04/17	NWS West Gulf River Forecast Center- Heavy Rainfall and Flooding Potential Next Week
08/04/17	NWS Brownsville- Watching the Tropics in the Caribbean This Weekend and Gulf Next Week
08/04/17	NWS Houston/Galveston- Tropical Weather Update
08/05/17	NWS NHC Miami, FL- 0200 Tropical Weather Outlook
08/05/17	Daily NWS Threat Brief for Saturday, August 5, 2017 for FEMA Region 6

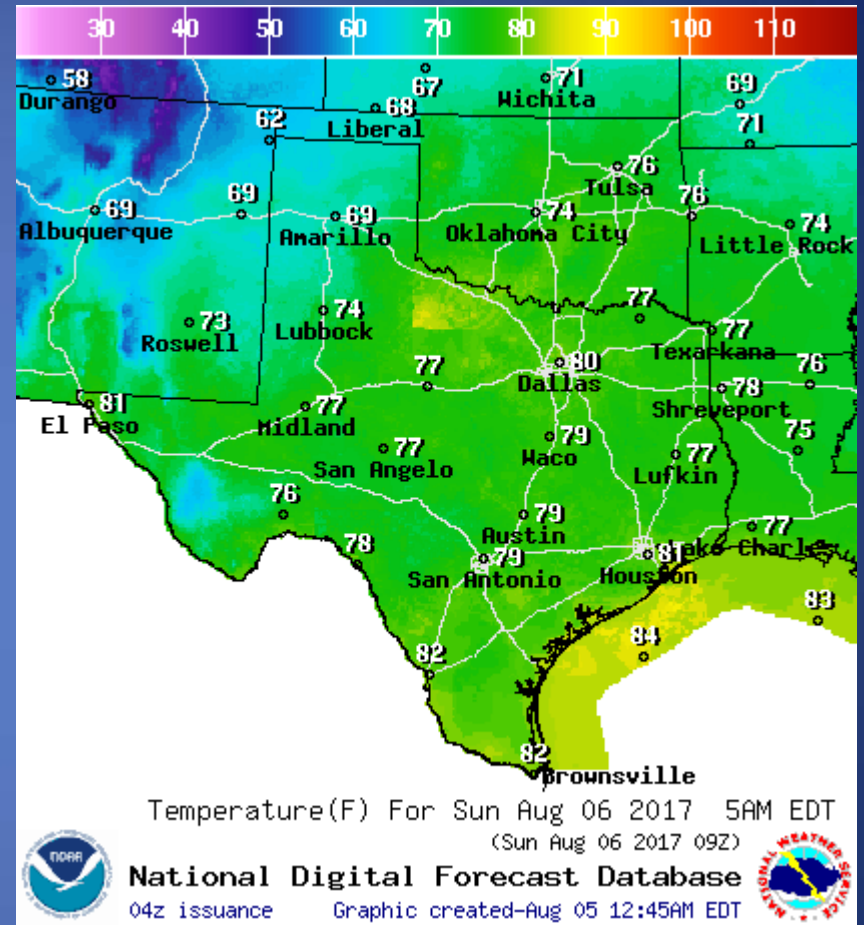
Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
08/04/17	Severe Thunderstorm Warning	DeWitt County

Weather Forecast

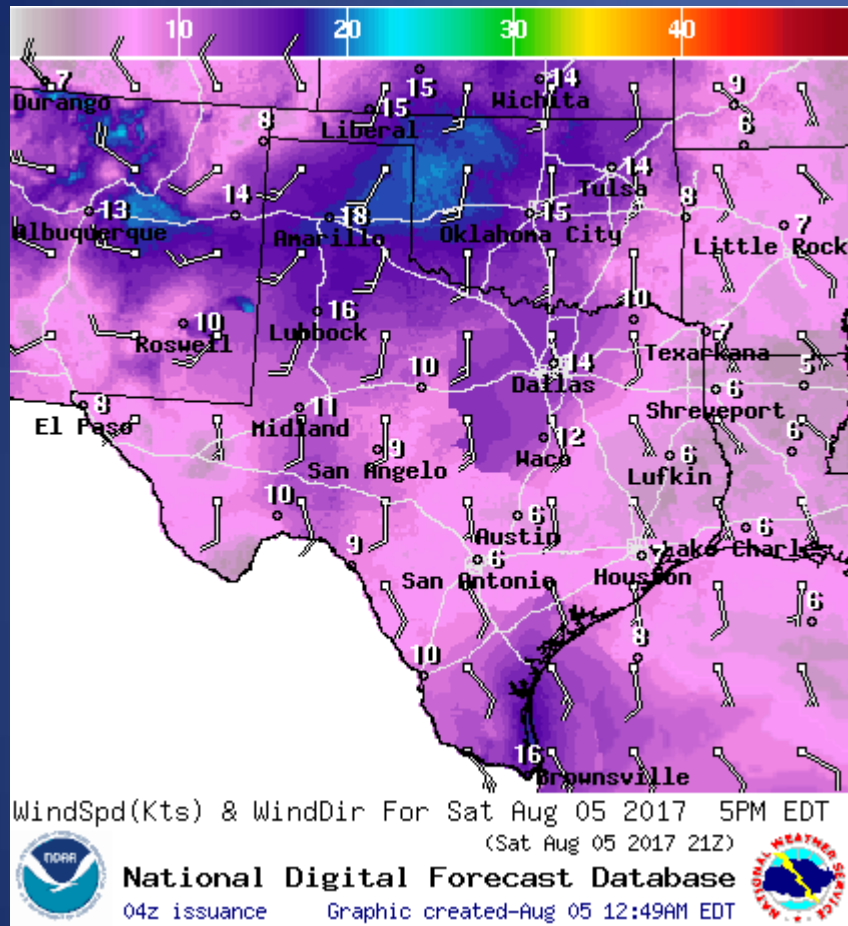


Highs

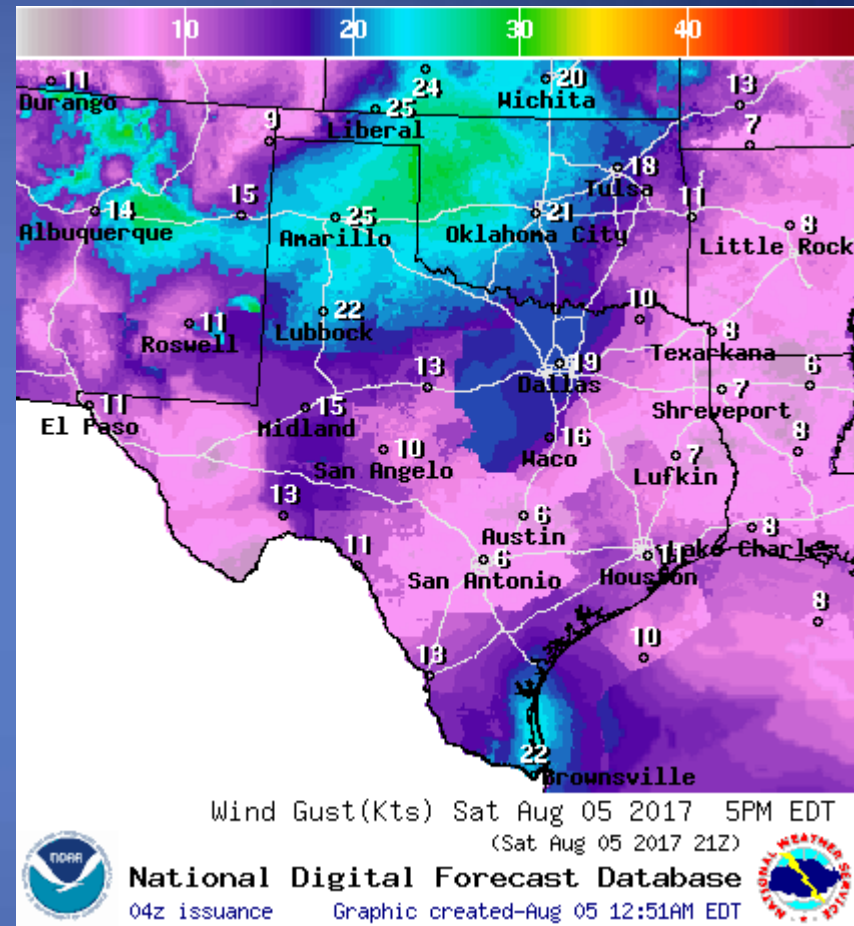


Lows

Weather Forecast



Wind Speeds



Gusts

Hazardous Weather



Amarillo

Weekend Forecast

STORM CHANCES CONTINUE

Today

- Storm Chances This Afternoon and Tonight



Sunday

- Storm Chances Afternoon and Night
- Cooler



Some Severe Storms Expected Saturday

After 5 pm

Weather Forecast Office
Norman, OK

Issued August 5, 2017 7:45 AM CDT



Tornado Potential

High

Medium

Low

Very Low

Maximum Hail Size

Baseball - Softball

Golf ball - Tennis ball

Half Dollar - Golf ball

Quarter - Half Dollar

Nickel - Quarter

Maximum Wind Speed

80 + mph

70 - 80 mph

60 - 70 mph

50 - 60 mph

Risk Level

High

Moderate

Enhanced

Slight

Marginal



National Weather Service - Amarillo

Issued: 8/5/2017 3:20 AM



@NWSNorman

weather.gov/norman

Highs will be in the 90s across the Panhandles today, and will cool off slightly on Sunday. The southeast Texas Panhandle will still stay around 90 to the lower 90s on Sunday while the remainder of the Panhandles will be mainly in the 80s. Showers and storms will continue today through Sunday and mainly during the afternoon and overnight hours both days. A few storms could become strong to marginally severe each day.

Scattered strong to severe storms will be possible late Saturday afternoon through Saturday night. Damaging wind gusts will be main hazard. Large hail may occur as well, mainly in the Slight Risk area in northern Oklahoma.

Hazardous Weather



Weekend Planner

NWS Lubbock



Expected Weather:

Warmer
Breezy

Slight chance of showers and thunderstorms this afternoon across the southern Texas Panhandle, western South Plains and northern Rolling Plains, along with warmer temperatures. A cold front late Sunday into Monday brings cooler temperatures and chances for more widespread rain chances.

Drying Trend Continues

High temperatures slightly above normal

Weather Forecast Office
El Paso, TX

Issued August 5, 2017 6:03 AM MST



**Partly
Sunny**

**Widely Scattered
T-Storms North,
Isolated South**

**Light S to SW
Winds**

Saturday



f t NWSElPaso

weather.gov/epz

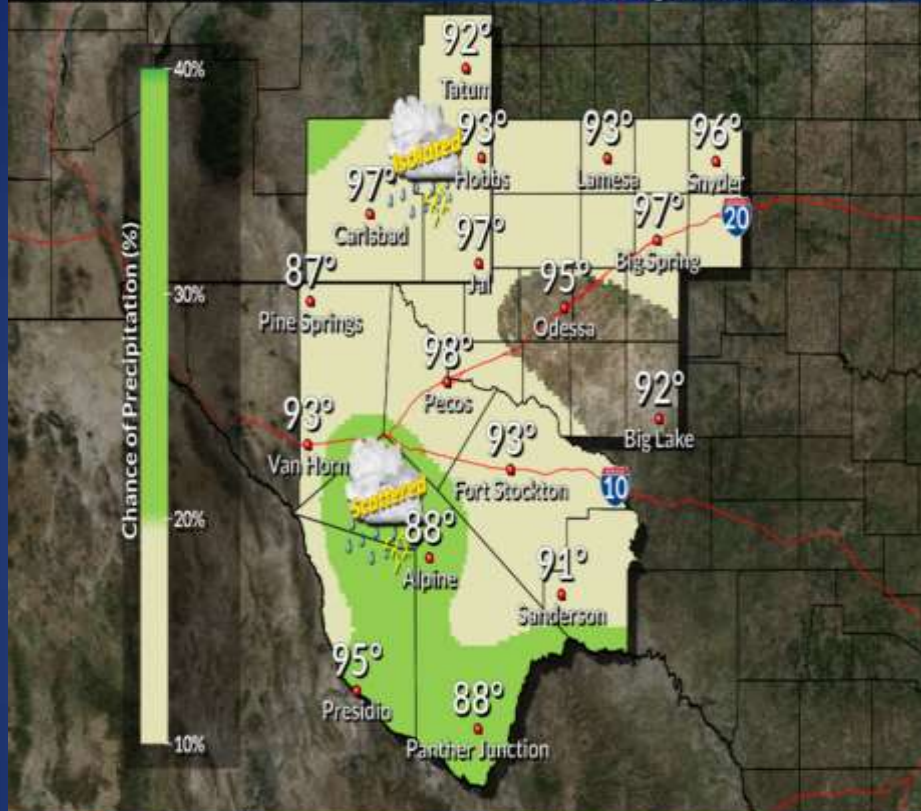
A weak upper impulse may trigger a few storms across the area this afternoon, generally favoring higher terrain and northern areas (Grant, Sierra, Otero Counties). Otherwise expect mostly dry and slightly warmer weather with light South to Southwest winds.

Hazardous Weather

Today

Warmer with a few storms

Weather Forecast Office
Midland/Odessa, TX
Issued Aug 05, 2017 2:41 AM CDT



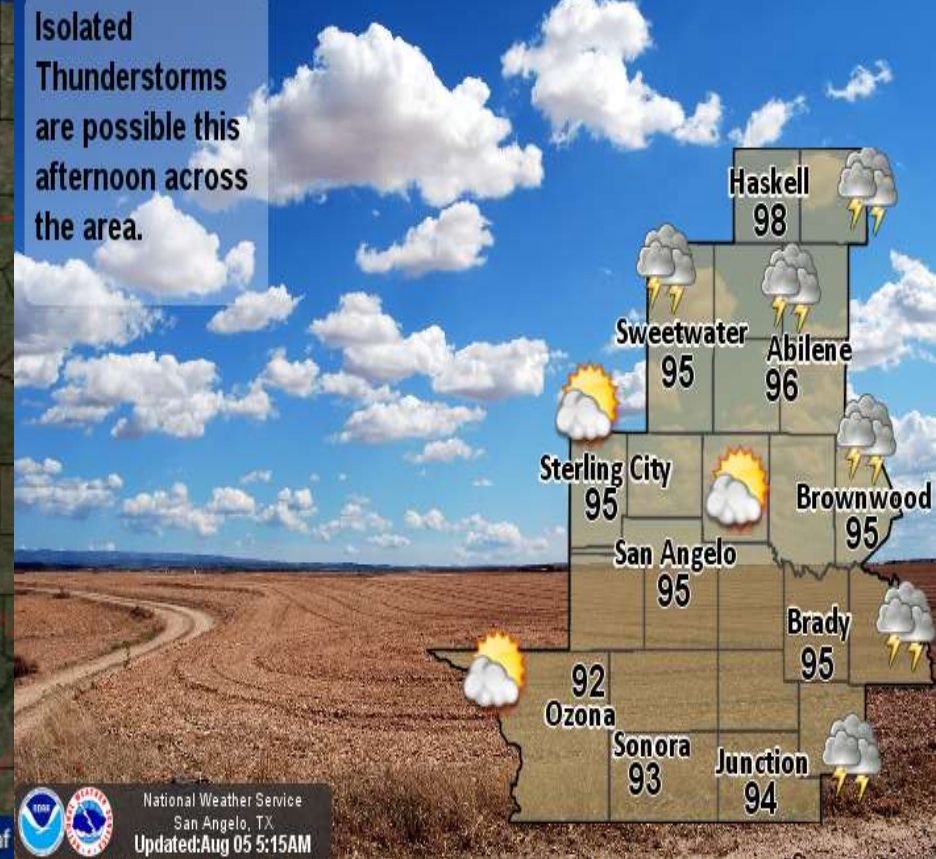
f t NWSMidland

weather.gov/maf

Temperatures continue to warm to seasonal levels with a few storms across the area as well.

Partly Cloudy and Warm Today

Isolated
Thunderstorms
are possible this
afternoon across
the area.



National Weather Service
San Angelo, TX
Updated: Aug 05 5:15 AM

Expect warm and dry conditions Today. Highs will be mostly in the mid 90s with a few upper 90s north. Can't rule out an isolated thunderstorm this afternoon.

Hazardous Weather



It will be hot and humid with low rain chances today. An isolated shower or storm may develop this afternoon or evening southwest of a Graham to Palestine line. No severe weather expected.

Regional Outlook

08/05/2017

Broken Bow	Texarkana	El Dorado	Tyler	Shreveport	Monroe	Natchitoches	Lufkin
Today	Today	Today	Today	Today	Today	Today	Today
STORMS	STORMS	STORMS	STORMS	STORMS	STORMS	STORMS	STORMS
20%	20%	20%	30%	30%	20%	30%	30%
92	93	93	94	95	94	94	93
Tonight	Tonight	Tonight	Tonight	Tonight	Tonight	Tonight	Tonight
STORMS	STORMS	STORMS	STORMS	STORMS	STORMS	STORMS	STORMS
30%	20%	20%	20%	20%	20%	20%	20%
73	75	73	76	76	74	73	75

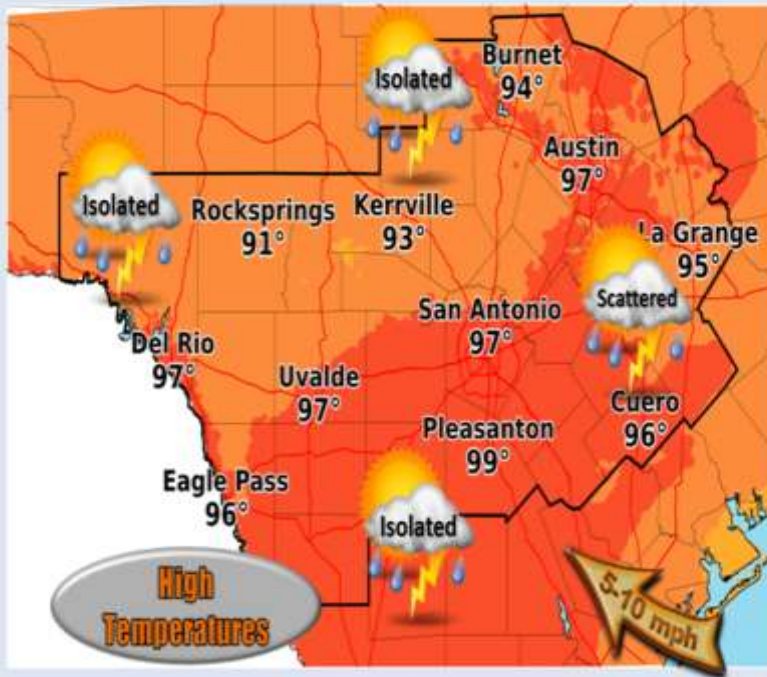
Isolated to widely scattered showers and thunderstorms will be possible again today, mainly during the afternoon hours. Warmer temperatures are expected, with most areas topping out in the mid 90s.

Hazardous Weather



Today: Warm with Isolated to Scattered Showers and Thunderstorms

National Weather Service Austin / San Antonio



@NWSSanAntonio
weather.gov/ewx

Warmer with scattered showers and thunderstorms, mainly along and east of Interstate 35. Isolated showers and thunderstorms are possible elsewhere. High temperatures will range from the low to mid 90s across the Hill Country to mid and upper across the remainder of the area. Winds will be variable this morning then becoming east and southeast at 5 to 10 mph.



Houston's 7 Day Forecast

National Weather Service Houston/Galveston



7 Day Outlook - Houston, TX

- Scattered showers and thunderstorms each day.
- Brief heavy downpours.
- Temperatures rising mid week and heat index readings of 105-108 possible.



@NWSHouston
weather.gov/houston

Image 8/5/2017
Created 6:03 AM

7 Day outlook for the Houston area. Scattered showers and thunderstorms each day. Rain chances increasing Sunday afternoon through Monday as an upper level disturbance moves into and slows over the region. Heat index readings increasing and by mid week 105- 108 may be possible.

Hazardous Weather



Today

Scattered Showers and Thunderstorms

Impacts:



- ☐ Mostly cloudy skies
- ☐ Shower and storms possible again today across South Texas
- ☐ Heat index values between 105 & 109 degrees

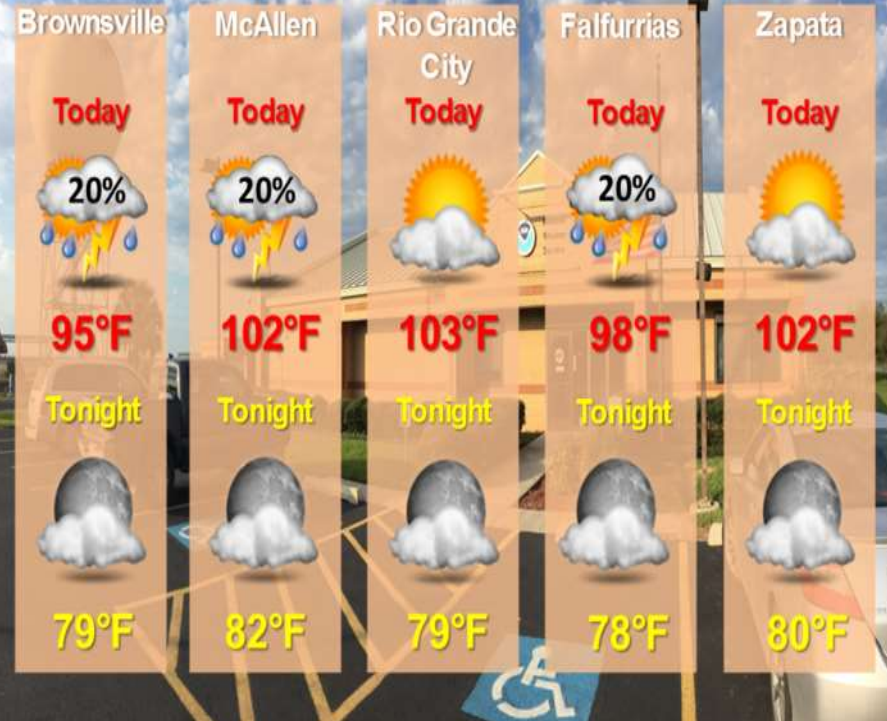
Issued at 6:01 AM - August 5, 2017

Chances for showers and thunderstorms will continue today across South Texas. Some thunderstorms will be capable of brief moderate to heavy rain at times. Hot and humid conditions will be common with heat index values between 105 and 109 degrees.



Deep South Texas Forecast Today

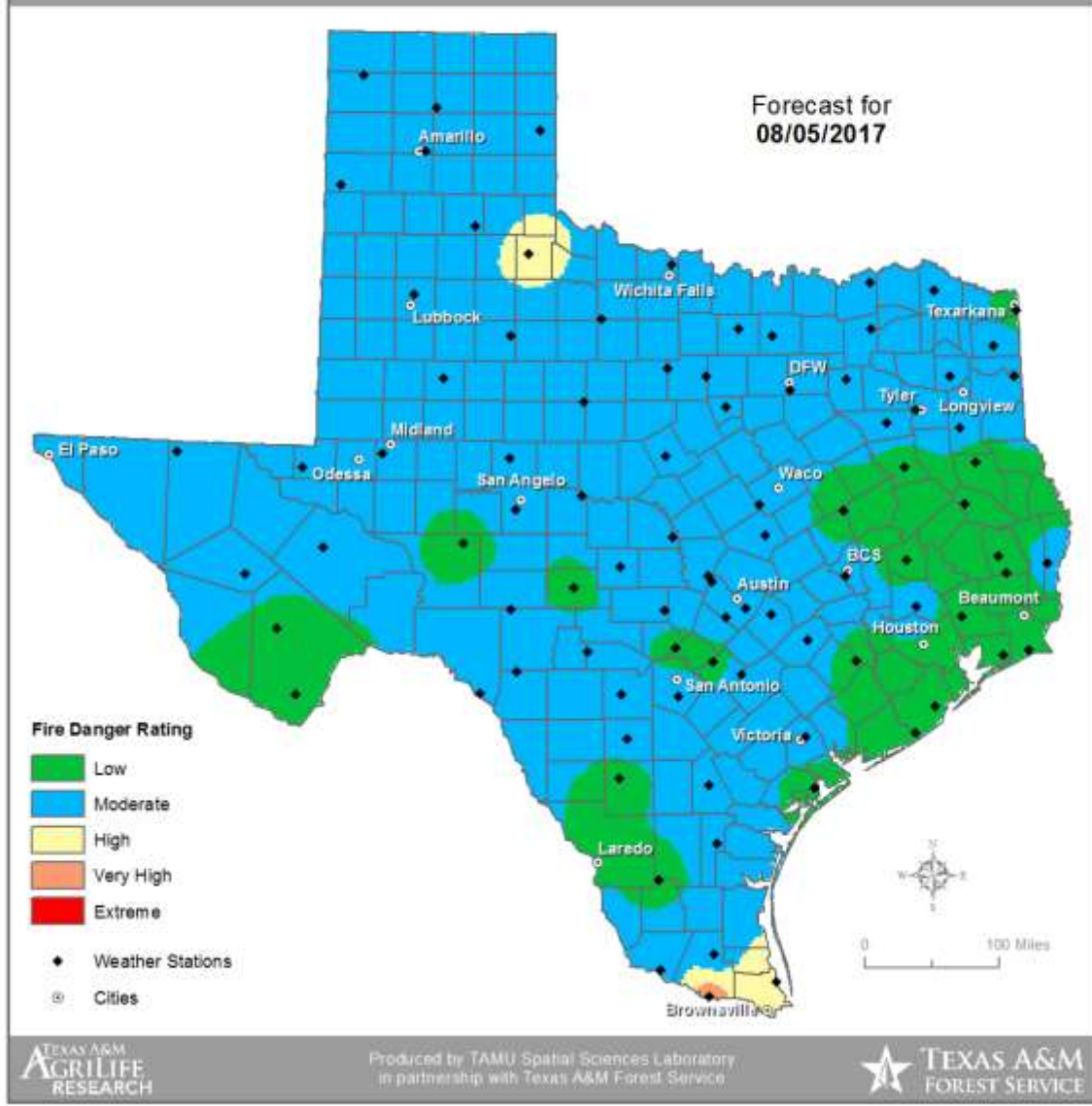
Saturday, August 5, 2017



Another hot day is anticipated across deep south Texas with afternoon highs ranging from the middle 90s to above the century mark. Heat indices or feels like temperatures will once again top out around the 105-110°F range this afternoon. Otherwise, expect partly cloudy skies across deep south Texas with an isolated chance for showers and thunderstorms across the central and eastern half of the region. For the mariners, expect moderate to fresh southeasterly breezes this afternoon with a moderate chop building to choppy conditions on the bay and gulf seas of 2 to 4 feet out to 60 nautical miles.

Fire Danger Forecast

Forecast Fire Danger



Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

August 04, 2017



Email updates to:
burnban@tfs.tamu.edu

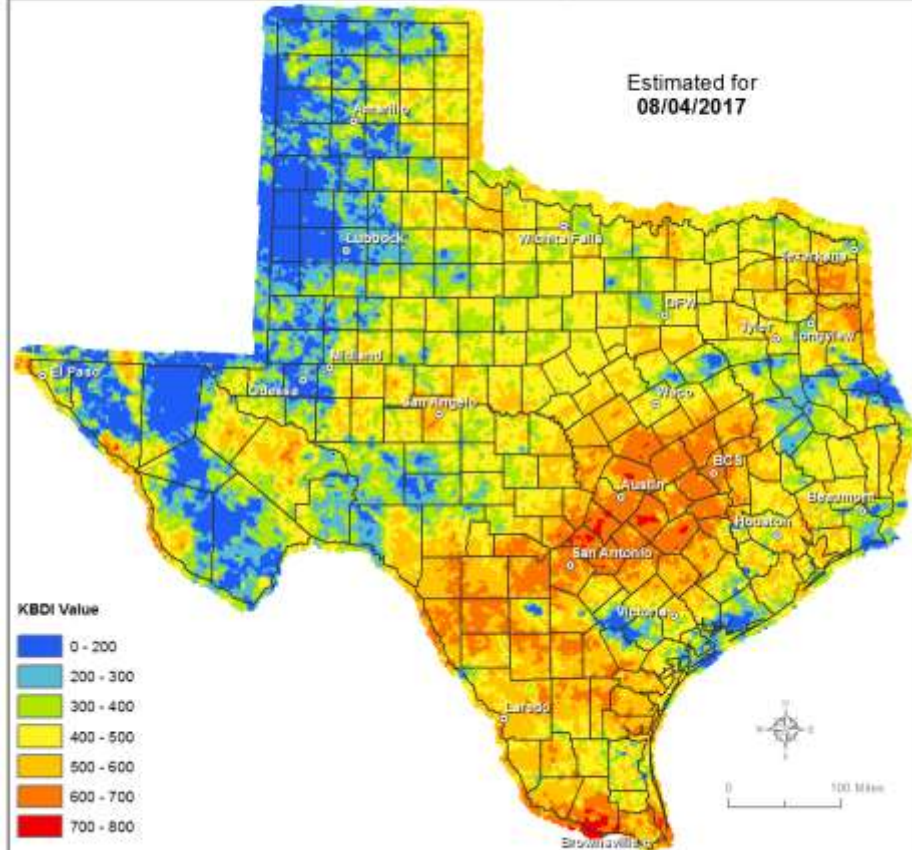
Counties with Burn Bans: 95

Armstrong
Atascosa
Baker
Bandera
Bastrop
Baylor*
Bell
Bexar
Blanco
Brewster*
Brooks
Brown
Burnet
Caldwell
Callahan
Carson
Castro
Childress
Cochran
Coke
Coleman
Colorado
Concho
Coryell
Crane
Crockett
Crosby
Culberson
DeWitt
Dickens
Dimmit
Duval
Eastland
Edwards
El Paso
Fayette
Fisher
Frio
Gillespie
Glasscock
Guadalupe
Hays
Hudspeth
Hutchinson
Jeff Davis
Jim Hogg
Johnson*
Kendall
Kerr*
Kinney
Kleberg
Lamb
Lampasas
Lee
Limestone
Llano
Martin
Mason
McCulloch
McLennan
Medina
Menard
Mills
Moore
Nolan
Ochiltree
Pecos
Potter
Presidio
Reagan
Real
Robertson
Schleicher
Starr
Stephens
Sutton
Taylor
Terrell
Throckmorton
Tom Green
Travis
Upton
Val Verde
Walker
Waller
Ward
Wheeler
Wilcox
Williamson
Wilson
Winkler*
Yoakum
Zapata

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
08/04/2017



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsr.tamu.edu/wildfires/BurnBan.xml>

* Based on official county-level flag burning ban
* Based on official county-level County Judge's Office

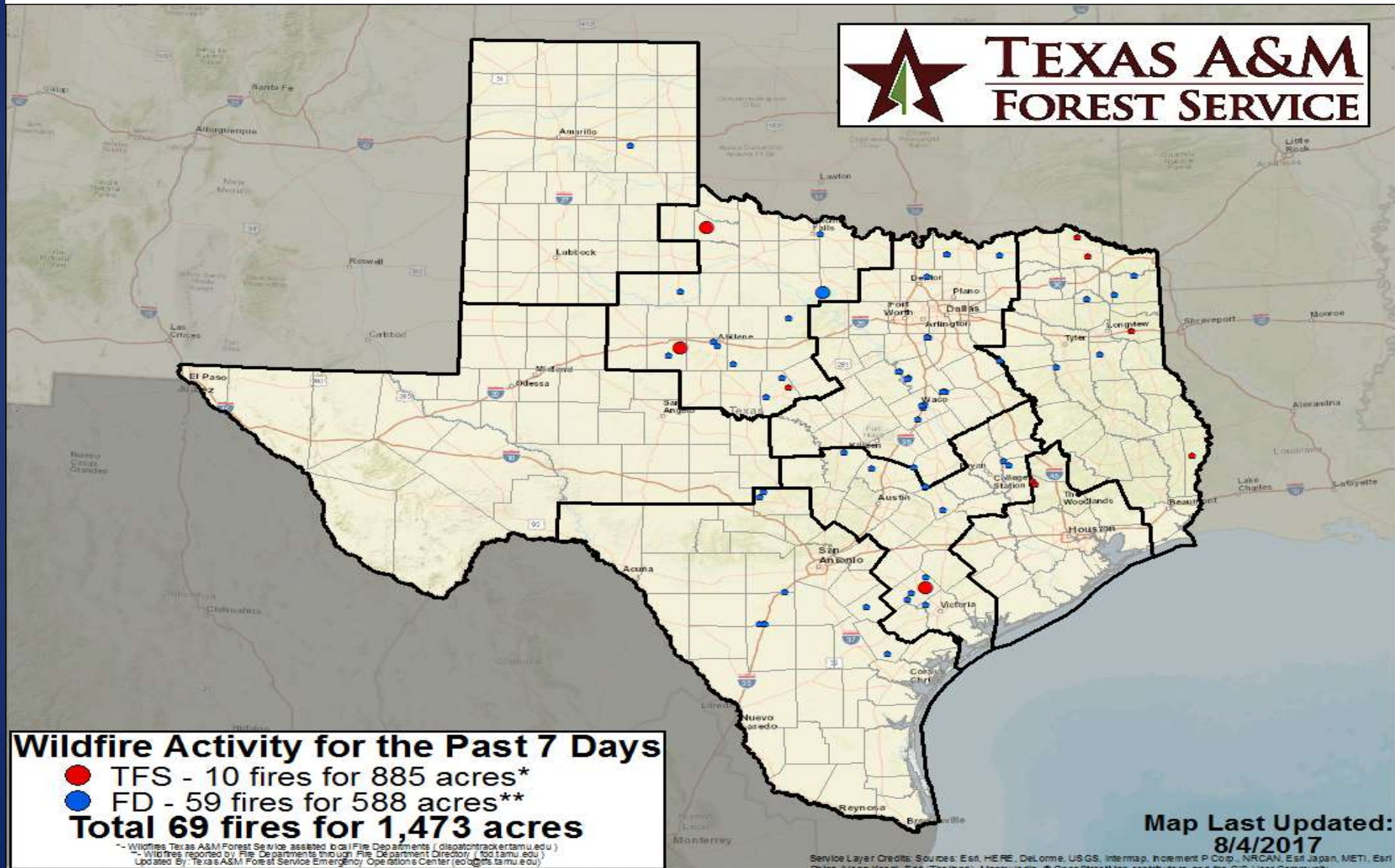
TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 554 (no change) fires and 652,683 (no change) acres destroyed this year. There are 95 (no change) counties with burn bans. The Keetch-Byram Drought Index list 171 (+7) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
08/04/17	08/05/17	Intermediate Incident Command System for Expanding Incidents	G-300	Houston
08/04/17	08/05/17	Auxiliary Communications (AUXCOMM) Training	AUXCOM M	Houston

Statewide Significant Events

DATE(S)		LOCATION	EVENT
07/06/17	08/20/17	Arlington	Six Flags Over Texas
07/06/17	08/27/17	Galveston	Moody Gardens
07/06/17	08/20/17	Galveston	Schlitterbahn Galveston Island
07/06/17	08/20/17	Padre Island	Schlitterbahn Padre Island
07/06/17	08/20/17	Corpus Christi	Schlitterbahn Corpus Christi
07/06/17	08/27/17	New Braunfels	Schlitterbahn New Braunfels
07/06/17	08/27/17	San Antonio	Six Flags Fiesta Texas
07/06/17	08/27/17	San Antonio	Sea World
07/21/17	08/06/17	Houston	Houston Astros Baseball